DOCUMENT RESUME

ED 141 097 SE 022 572

TITLE	The 4M company: Make Mine Metric Mice. First Grade Student Booklet.
INSTITUTION	Hawaii State Dept. of Education, Honolulu.; Hawaii Univ., Honolulu. Coll. of Education.
PUB DATE	76
NOTE	55p.; For related documents, see SE 022 570-583
AVAILABLE FROM	Metric Project, University of Hawaii, 1776 University Ave., Honolulu, Hawaii 96822 ($1.00)
EDRS PRICE	MF-$0.83 HC-$3.50 Plus Postage.
DESCRIPTORS	Elementary Education; *Elementary School Mathematics; *Instructional Materials; *Mathematics Education; *Metric System; *Primary Grades; Workbooks

ABSTRACT

This student activity manual for primary students is designed to teach several metric units. Included are activities related to length, volume, mass, and temperature. This manual emphasizes making comparisons between objects - big, small, long, short, heavy, light, most, least, hotter and colder. Measuring skills are also stressed. Cartoons are used extensively to appeal to student interests. (RH)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

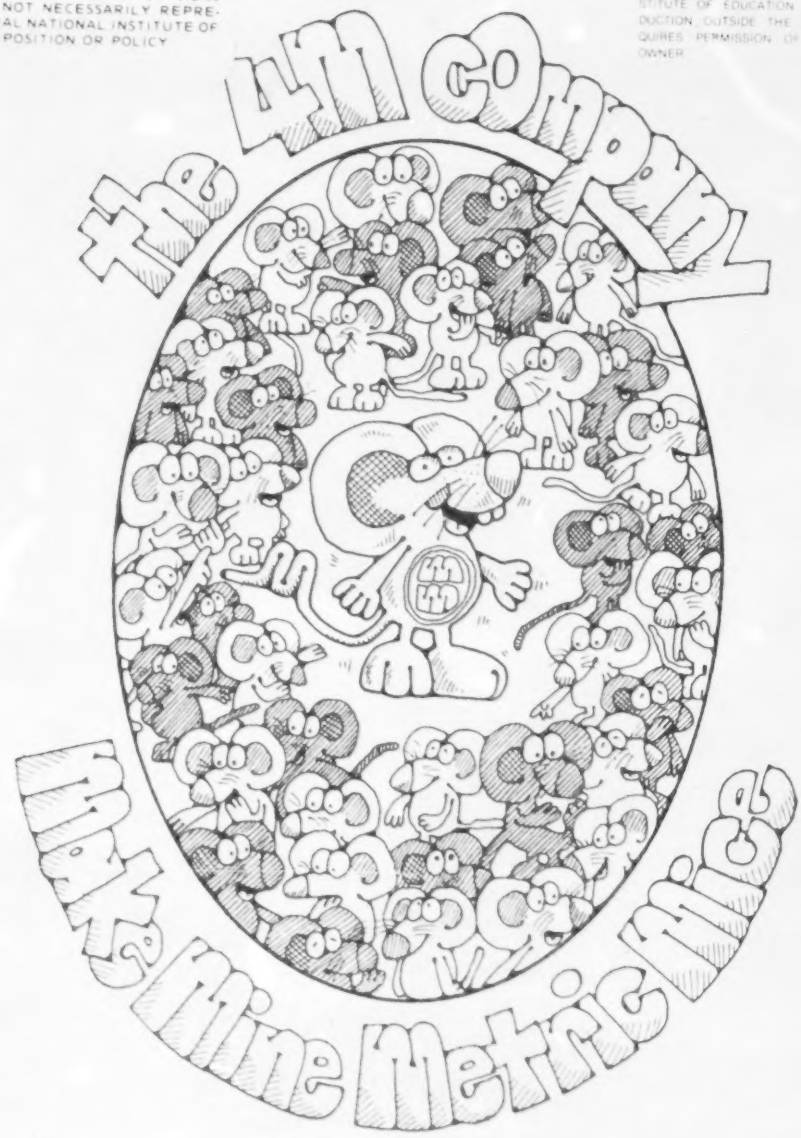
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

"PERMISSION TO REPRODUCE THIS COPYRIGHTED MATERIAL HAS BEEN GRANTED BY

Irvin L. King

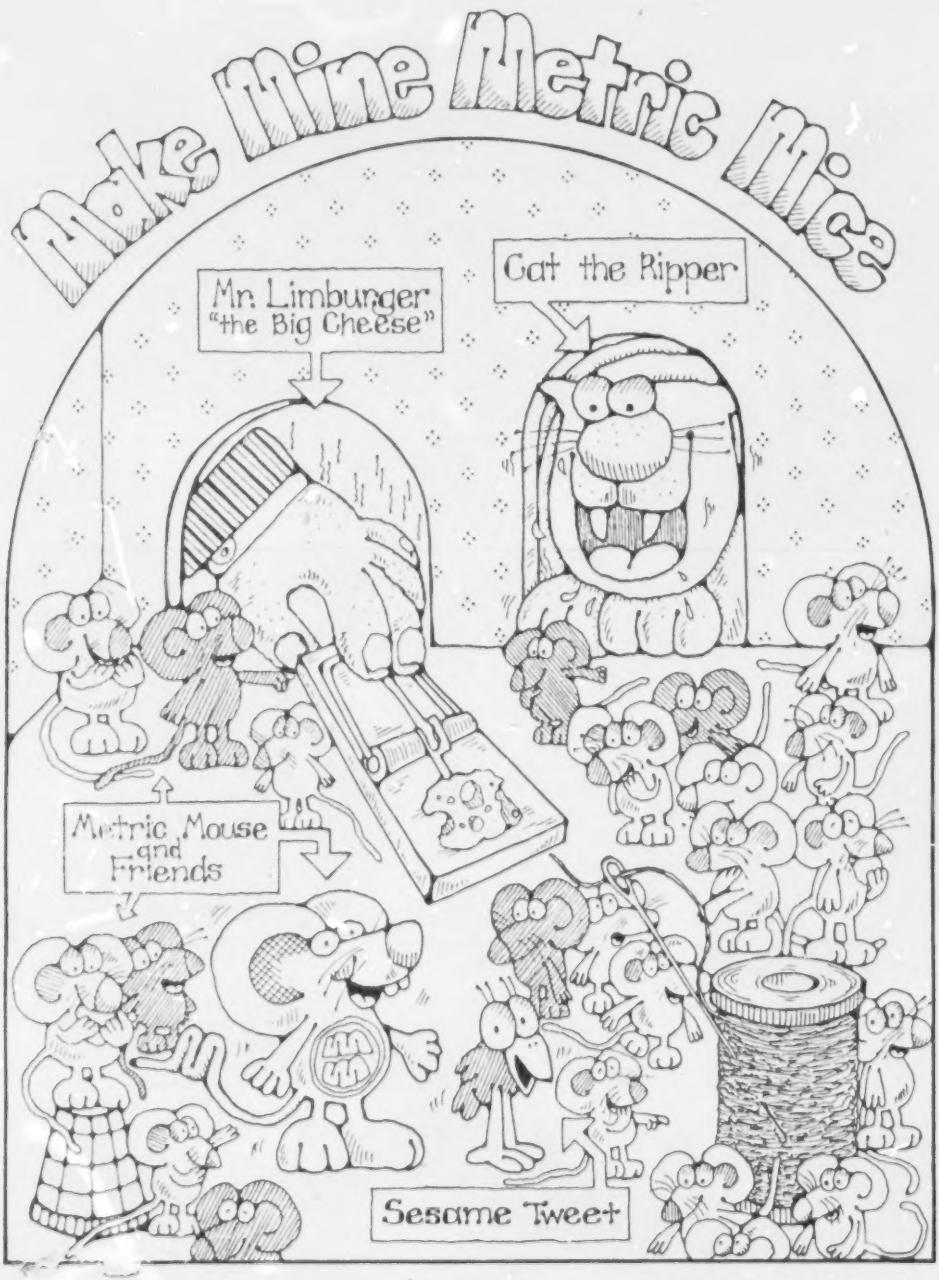
TO ERIC AND ORGANIZATIONS OPERATING UNDER AGREEMENTS WITH THE NATIONAL INSTITUTE OF EDUCATION. FURTHER REPRODUCTION OUTSIDE THE ERIC SYSTEM REQUIRES PERMISSION OF THE COPYRIGHT OWNER."

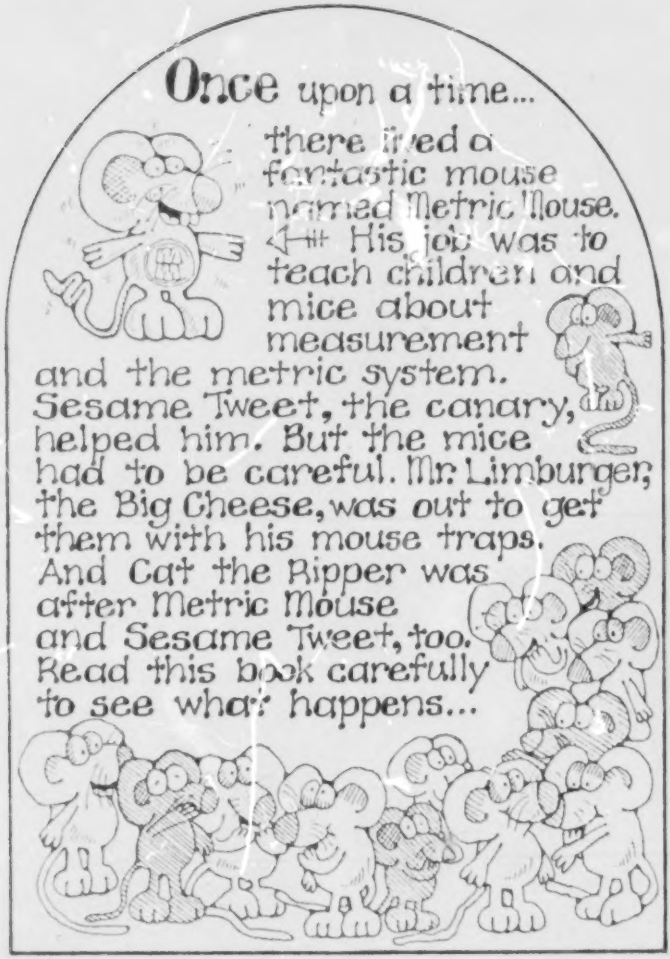
ED141097



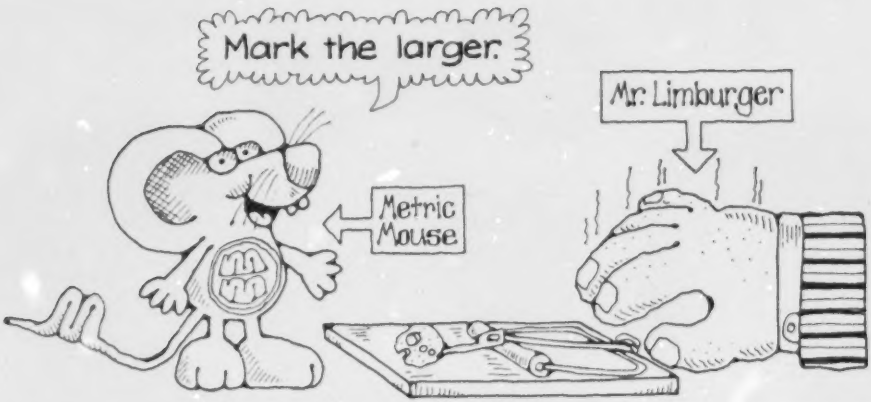
SE 022 572

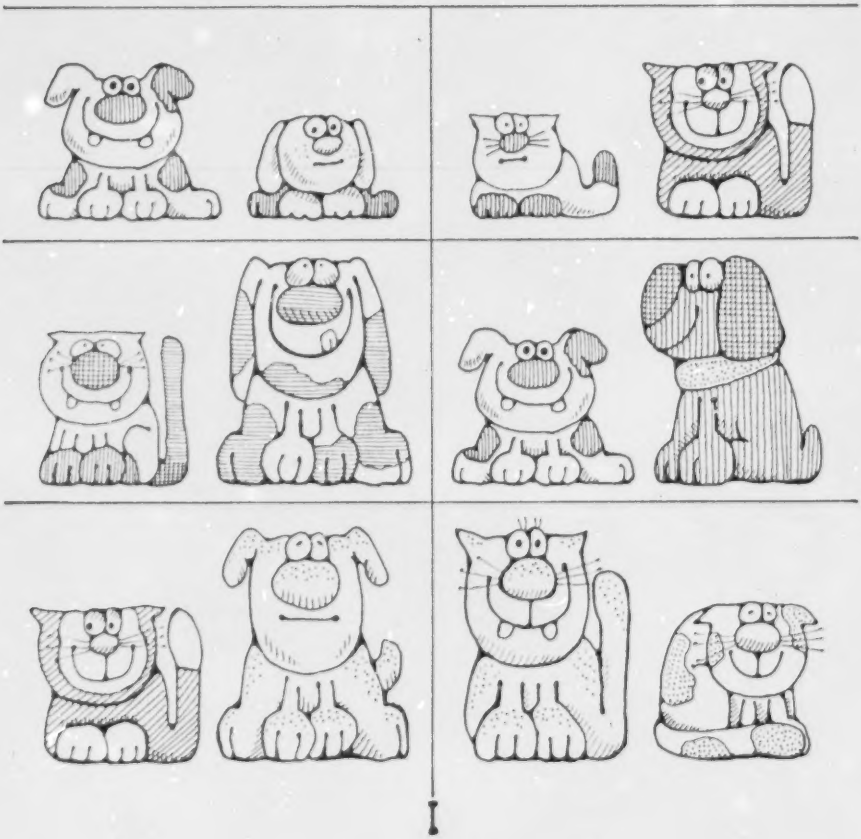
© 1976 University of Hawaii
College of Education
Curriculum Research and Development Group


Make Mine Metric Mice
Mr. Limburger "the Big Cheese"
Cat the Ripper
Metric Mouse and Friends
Sesame Tweet

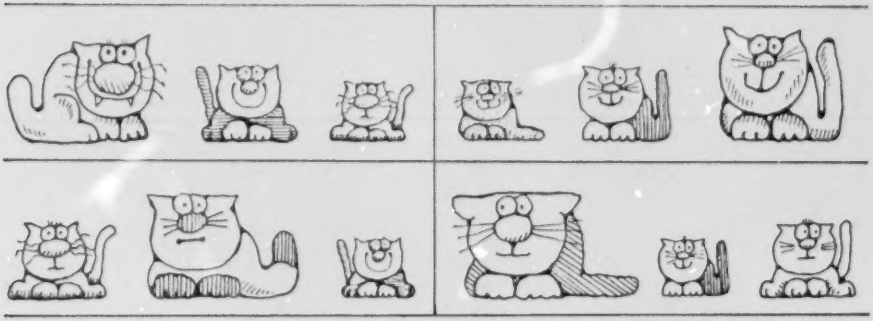

Once upon a time...
there lived a fantastic mouse named Metric Mouse. His job was to teach children and mice about measurement and the metric system. Sesame Tweet, the canary, helped him. But the mice had to be careful. Mr. Limburger, the Big Cheese, was out to get them with his mouse traps. And Cat the Ripper was after Metric Mouse and Sesame Tweet, too. Read this book carefully to see what happens...

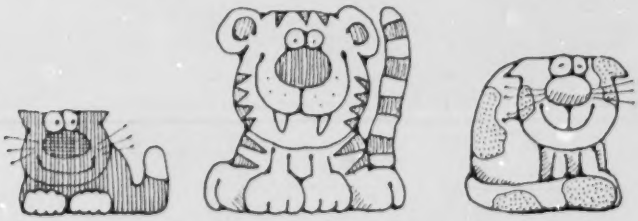
the 4M company

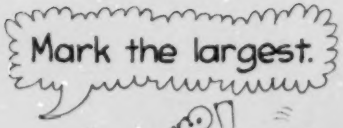

Mark the larger.
Mr. Limburger
Metric Mouse



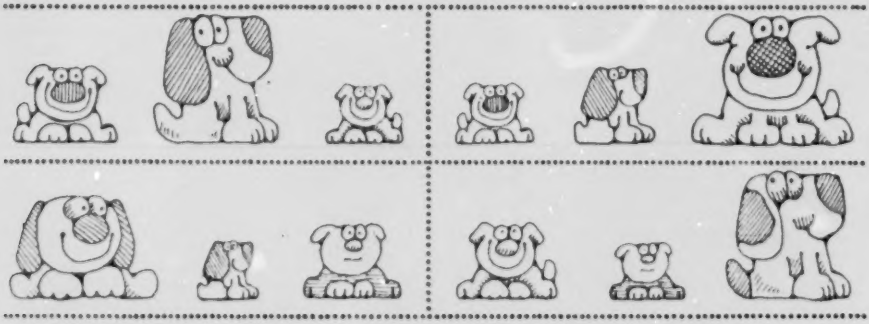
Mark the largest.

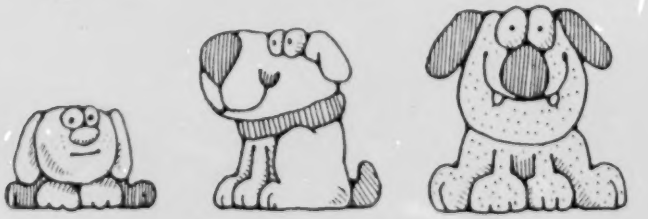




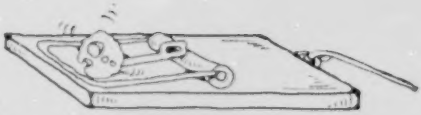

Mark the largest.

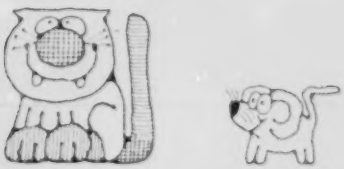
SNAP!

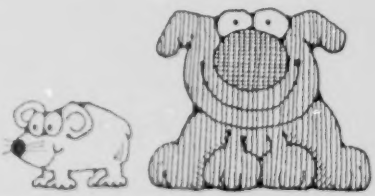


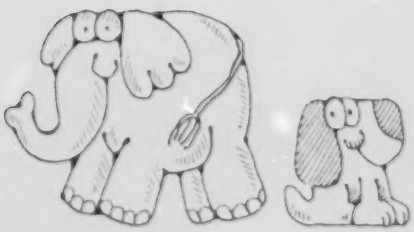


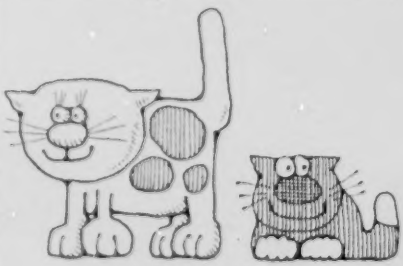
Mark the smaller.





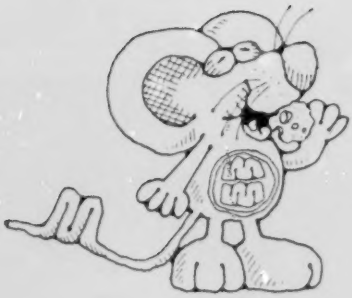


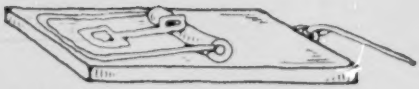


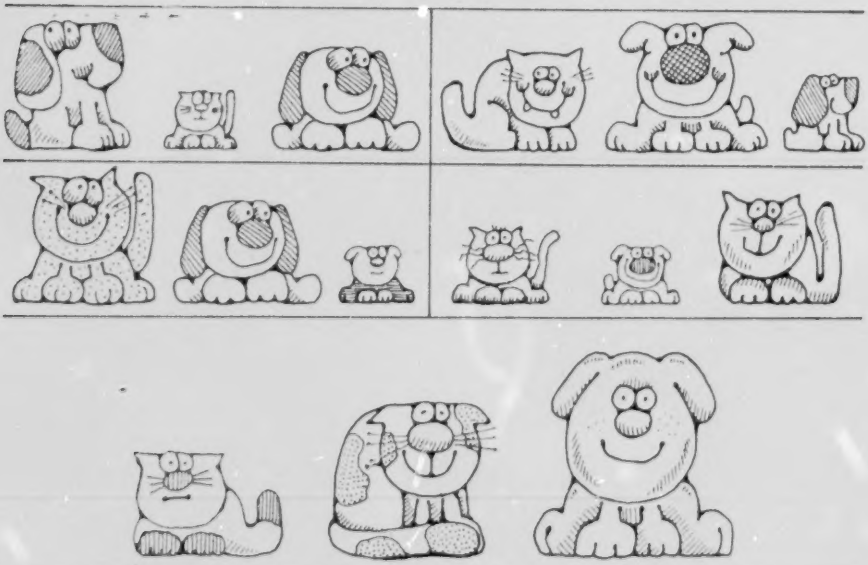


4

Mark the smallest.





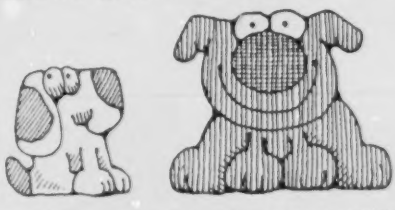


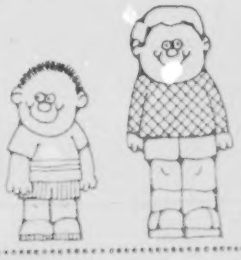
5

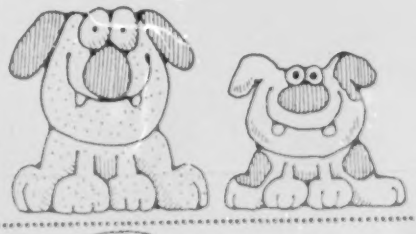
10

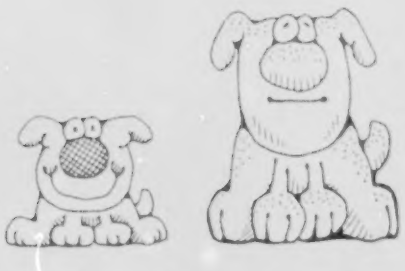
Mark the smallest.
Sesame Tweet
Cat the Ripper

Mark the bigger.

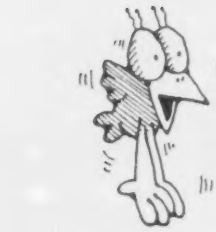


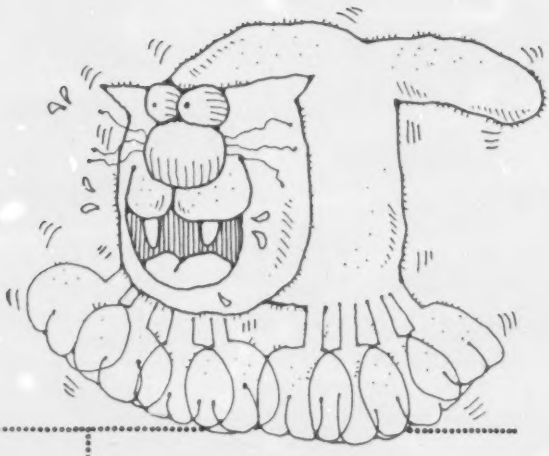




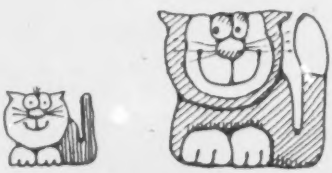


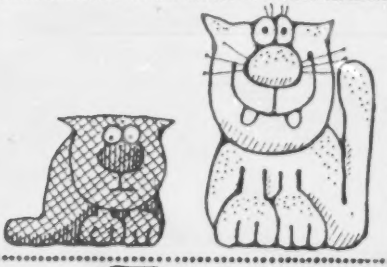
Mark the biggest.

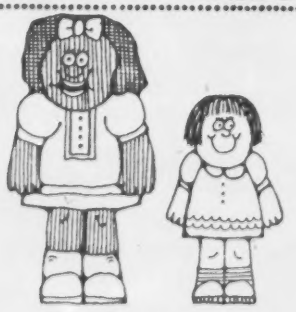


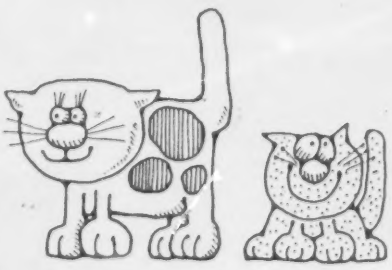


Mark the littler.

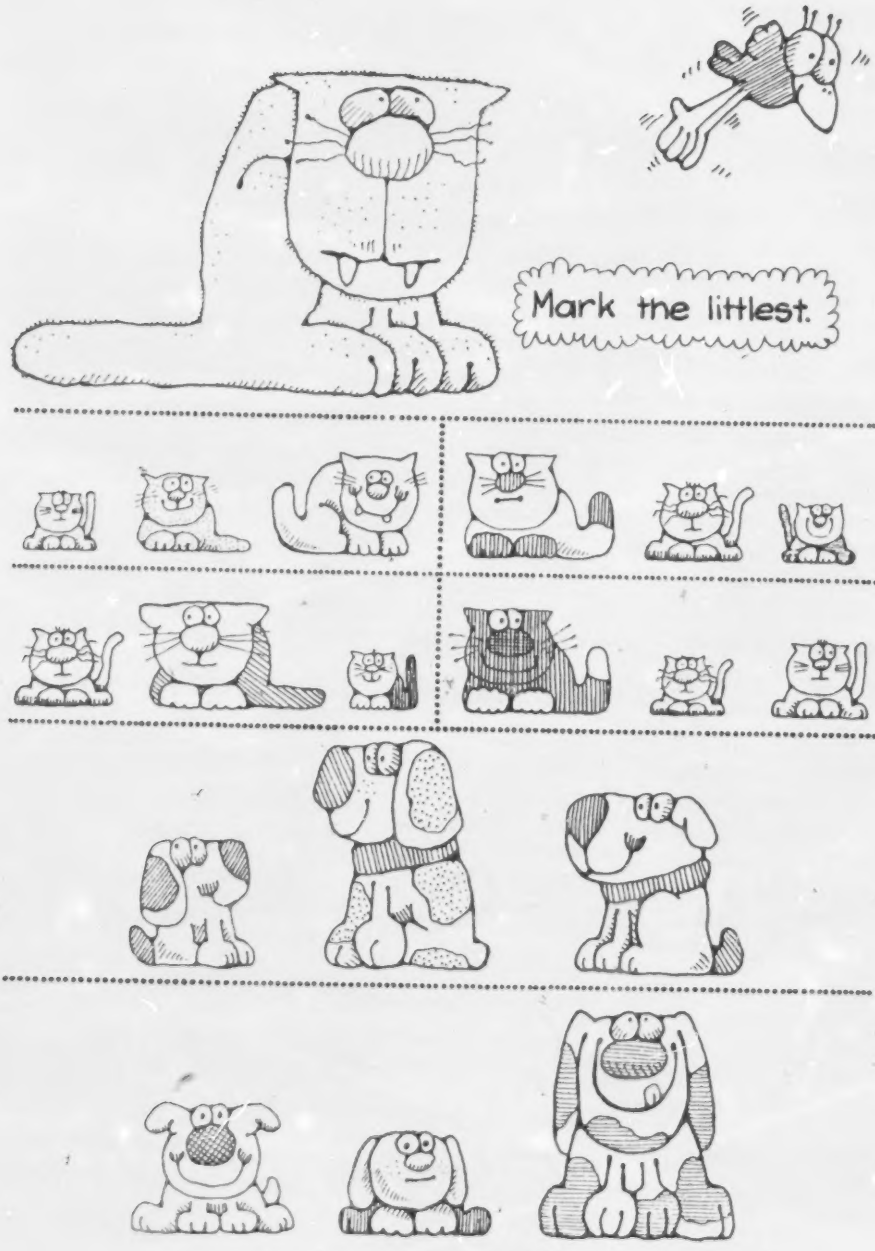








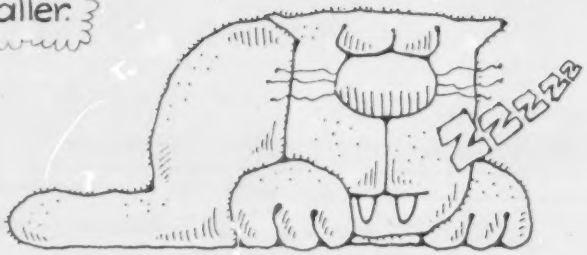
9



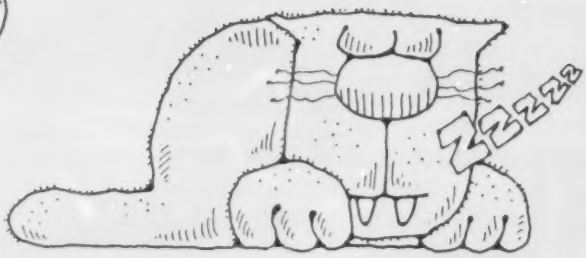
10 15.

Listen to the teacher.

Mark the taller.

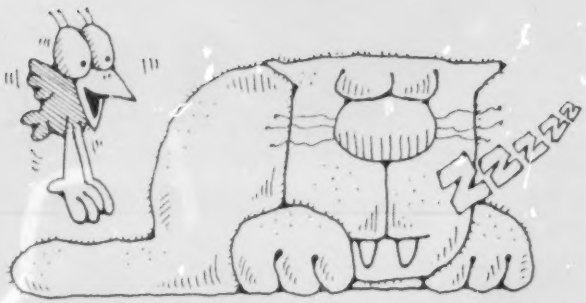


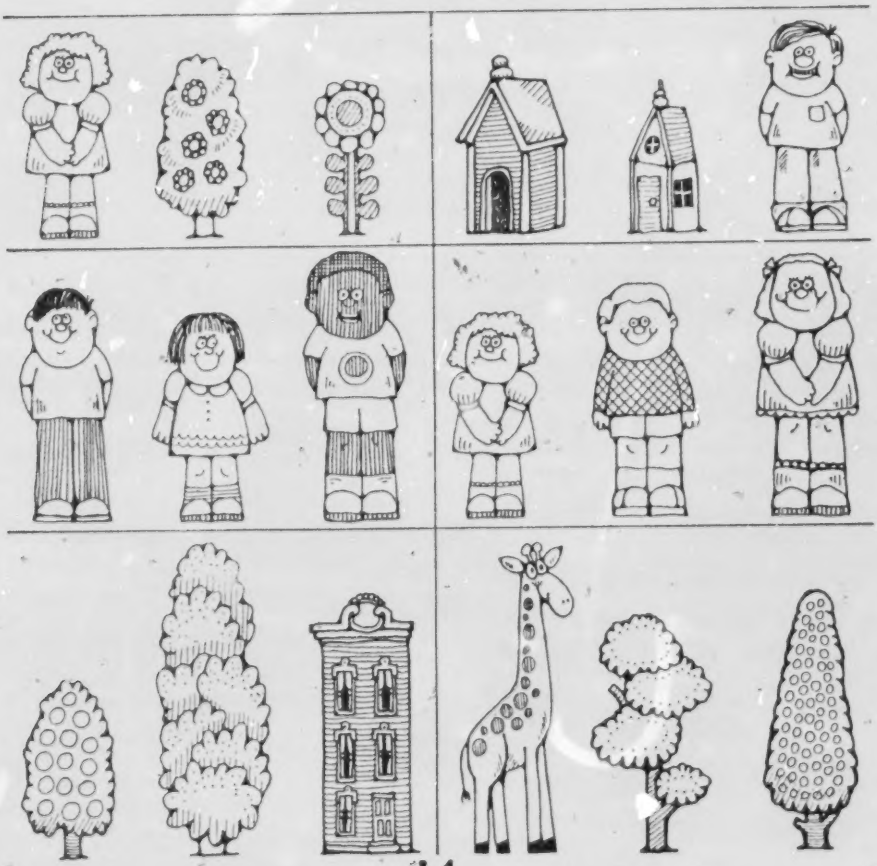
12.



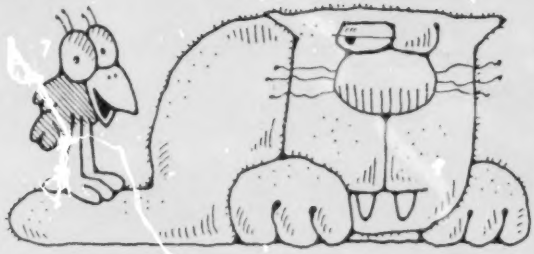
Mark the tallest.

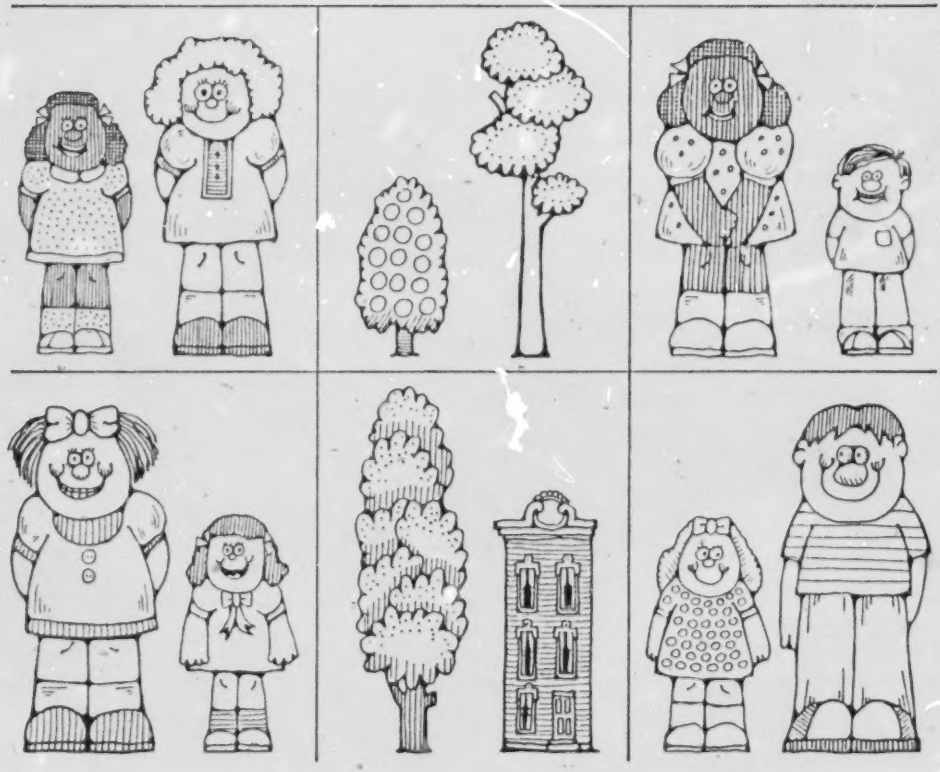
Mark the tallest.





Mark the shorter.



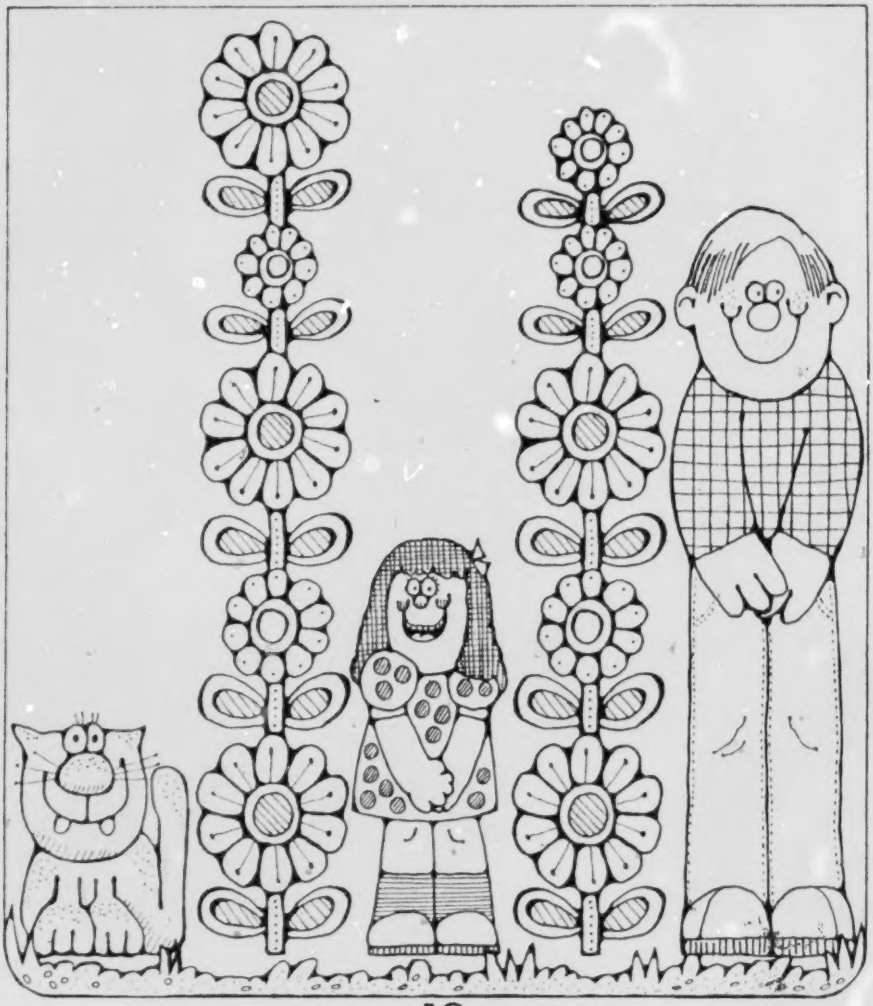


15

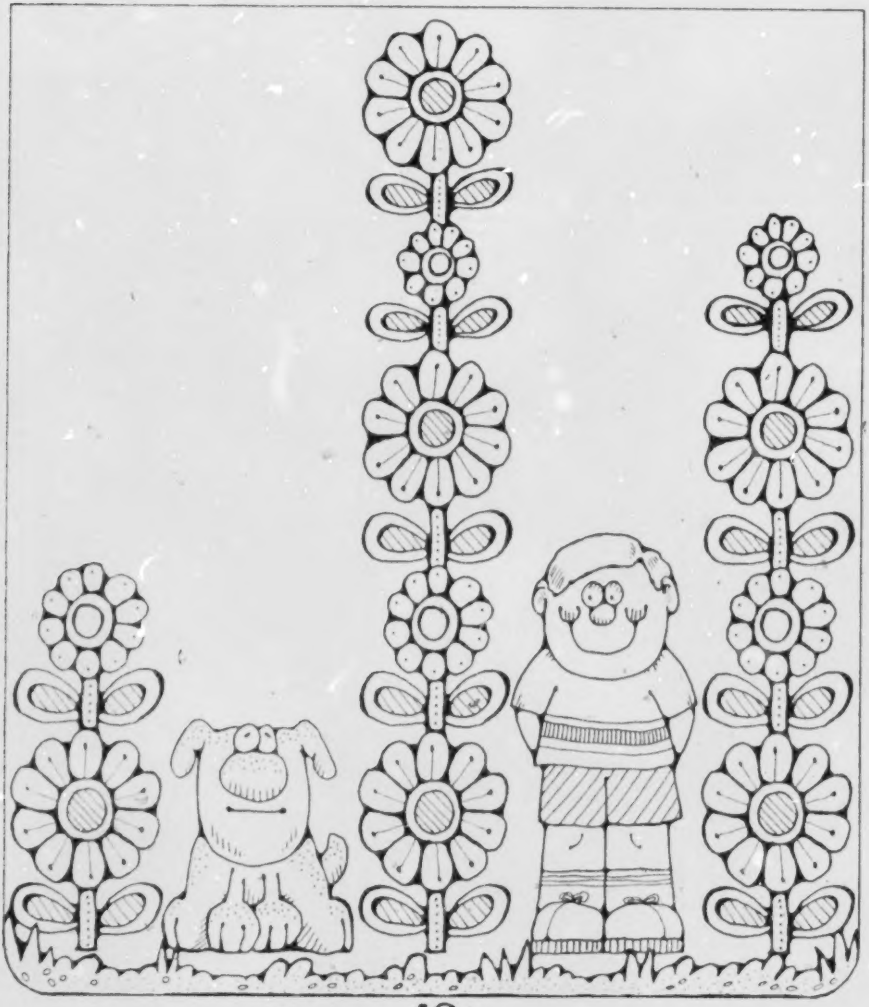
Mark the shortest.

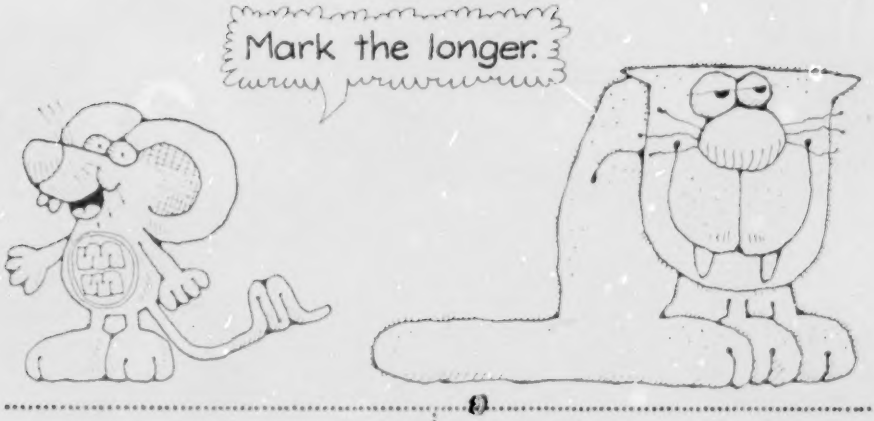
Mark the shortest.

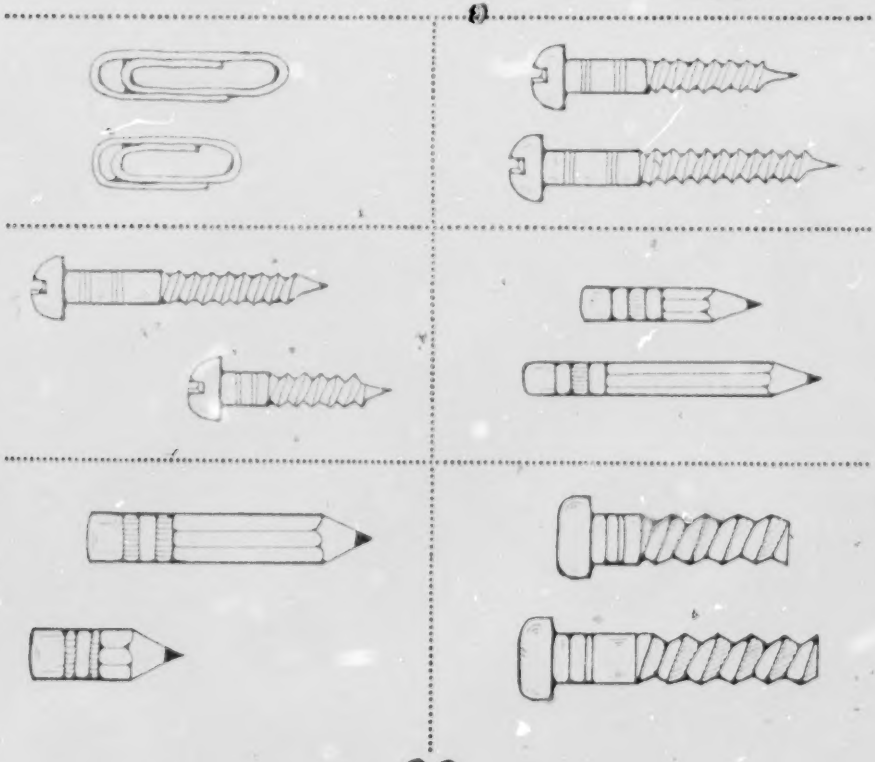
Compare your decimeter strip to these pictures. Mark those which are taller than one decimeter.



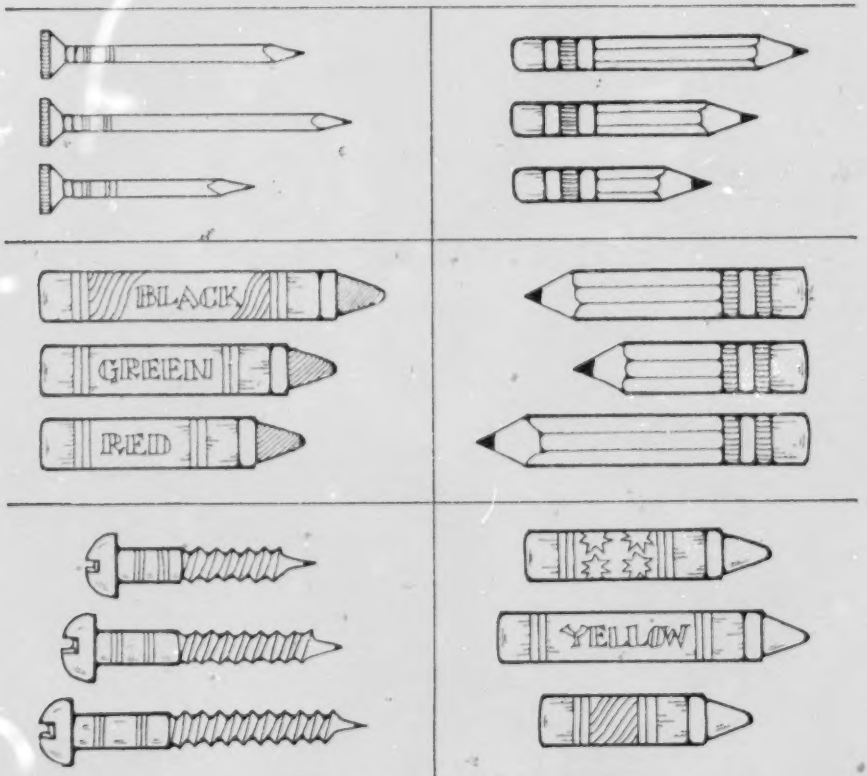
Compare your decimeter strip to these pictures. Mark those which are shorter than one decimeter.

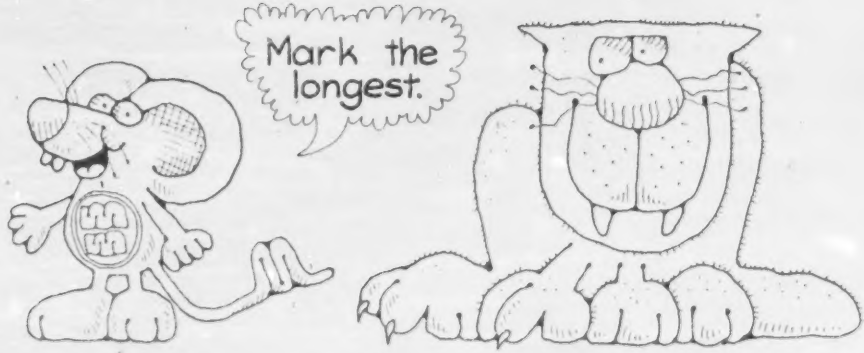


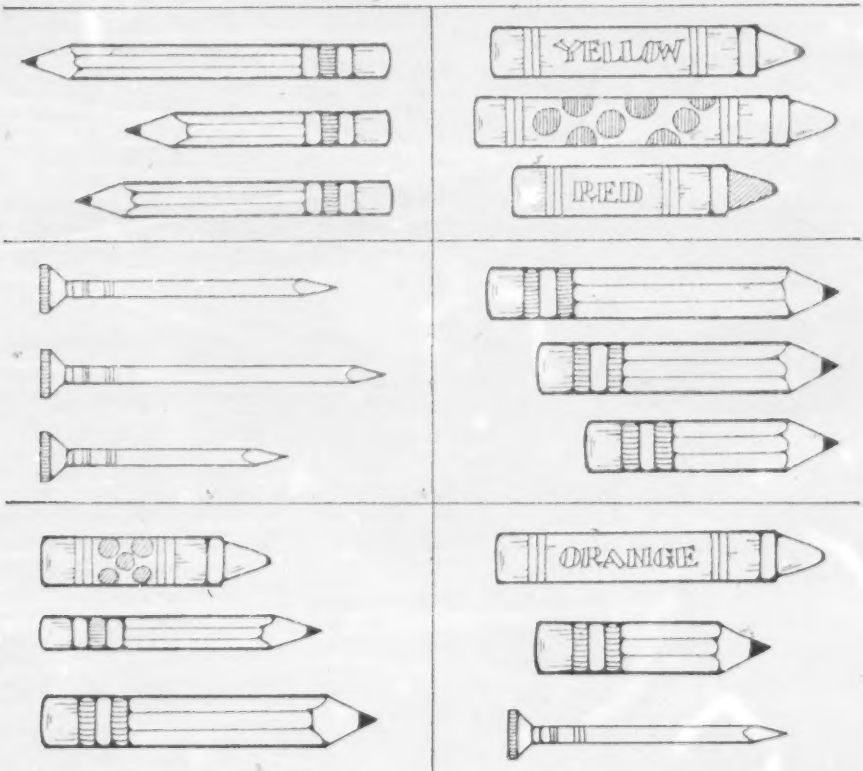

Mark the longer.

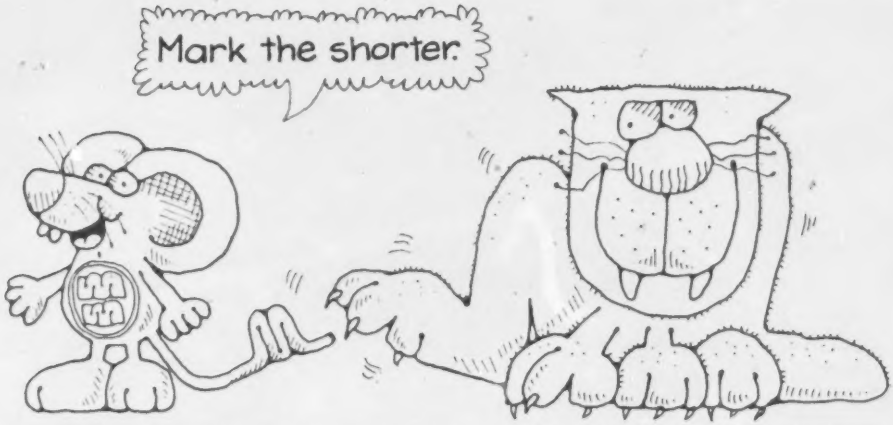


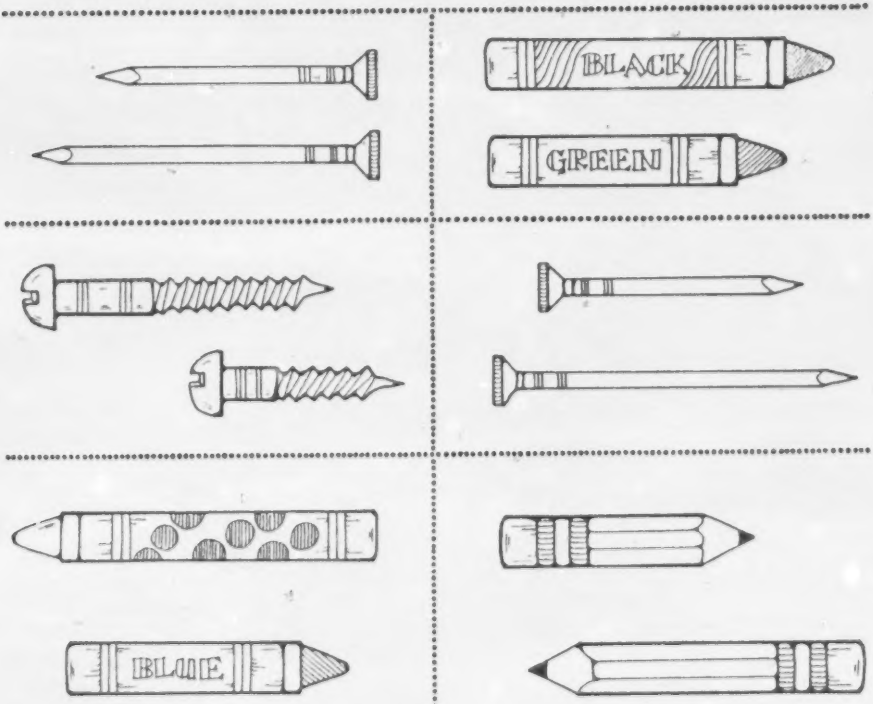
Mark the longest.


BLACK
GREEN
RED
YELLOW

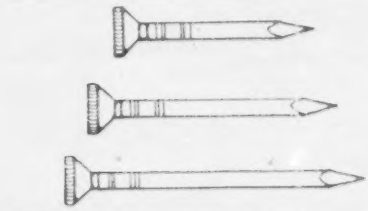

Mark the longest.

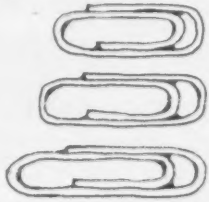

YELLOW
RED
ORANGE

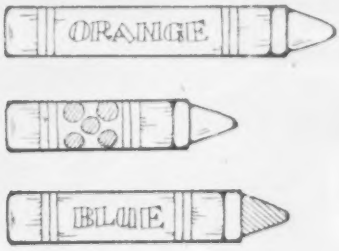


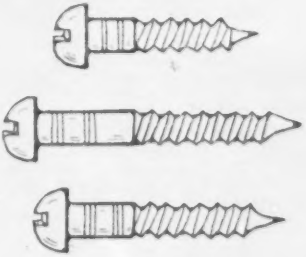


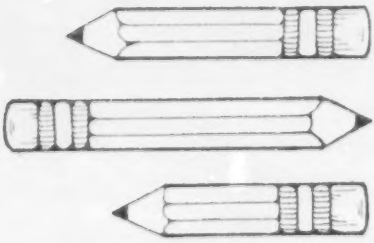
23

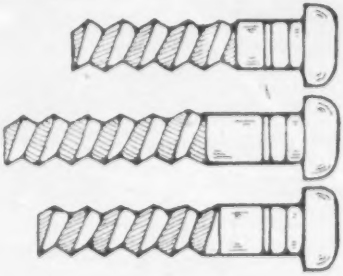




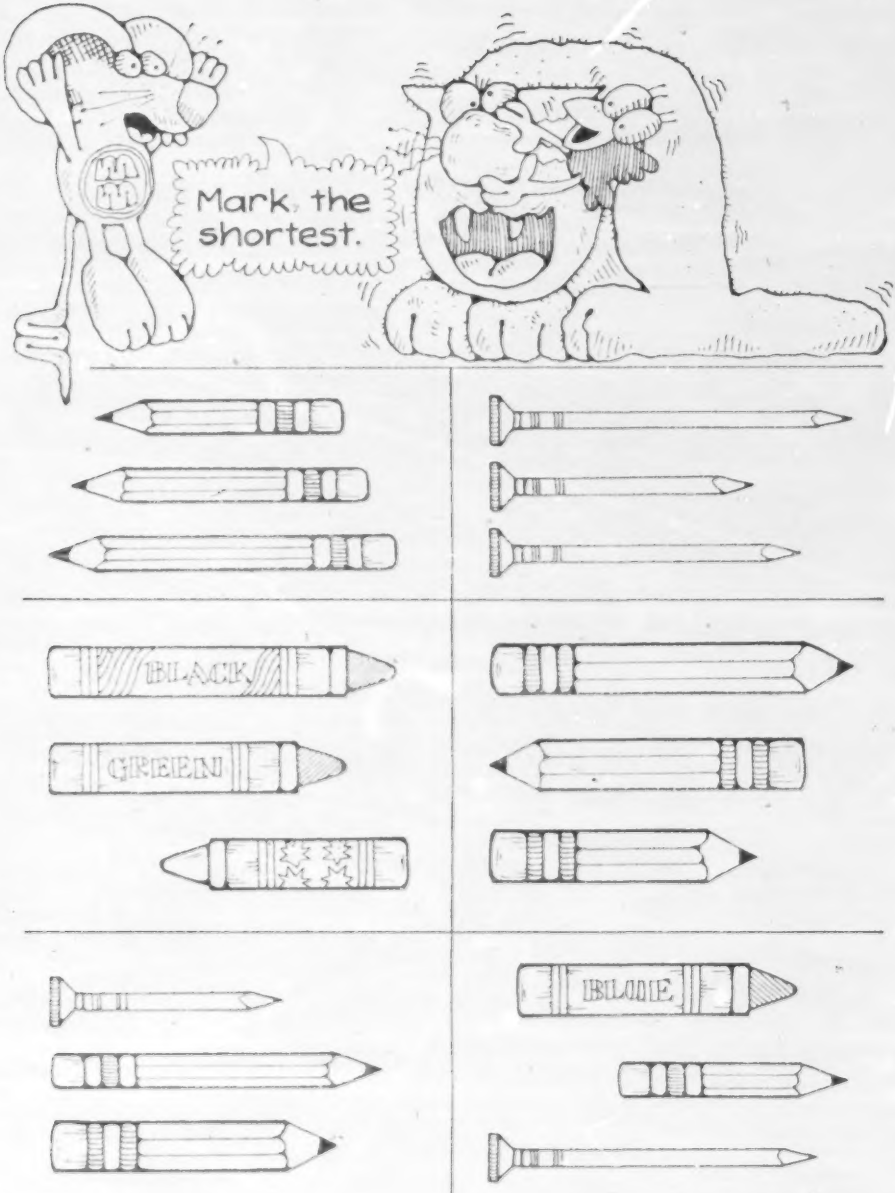




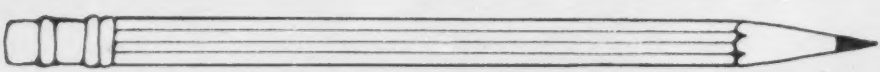




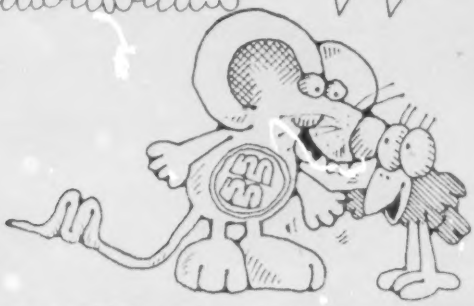
24.

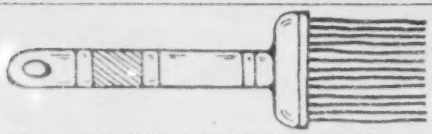

Mark the shortest.
BLACK
GREEN
BLUE

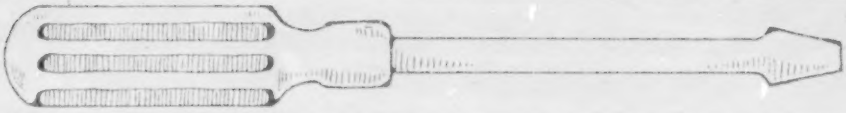
Compare your decimeter strip to these pictures. Mark those which are longer than one decimeter.

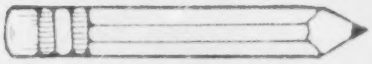


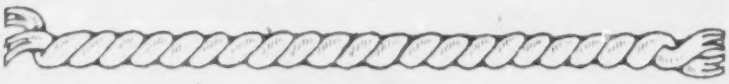
Compare your decimeter strip to these pictures. Mark those which are shorter than one decimeter.

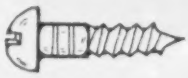




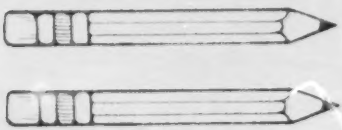




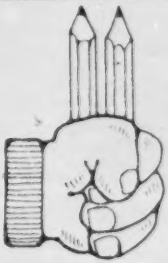




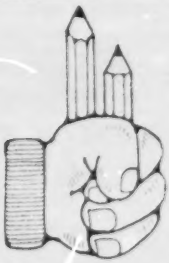
Are these the same length?



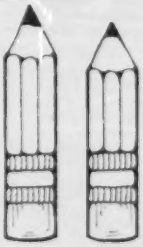
yes no cannot tell



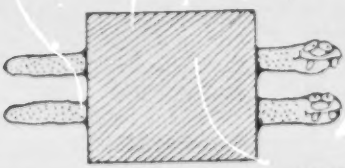
yes no cannot tell



yes no cannot tell



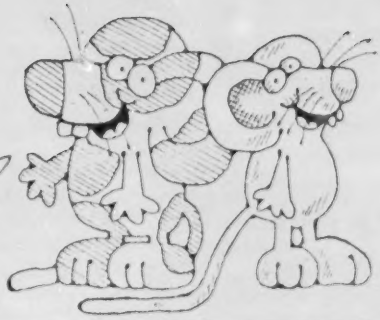
yes no cannot tell

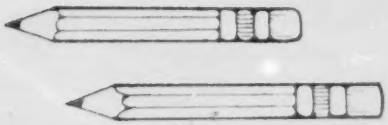


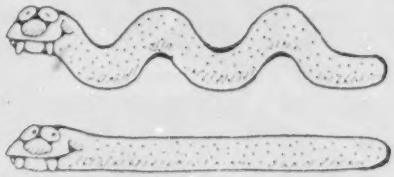
yes no cannot tell

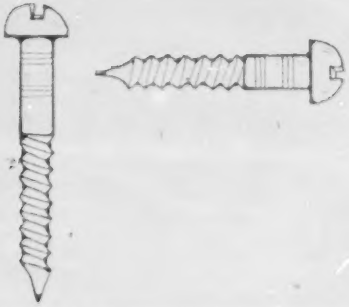
yes no cannot tell

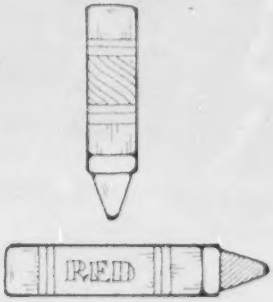
Mark the longer. You may need string or pencils to make comparisons.

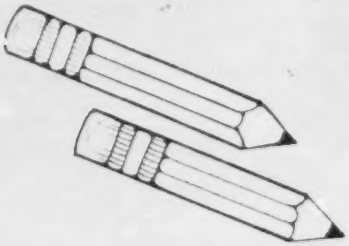


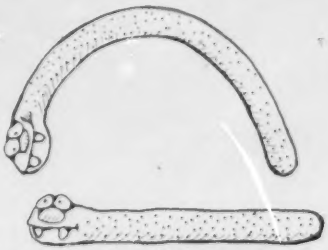




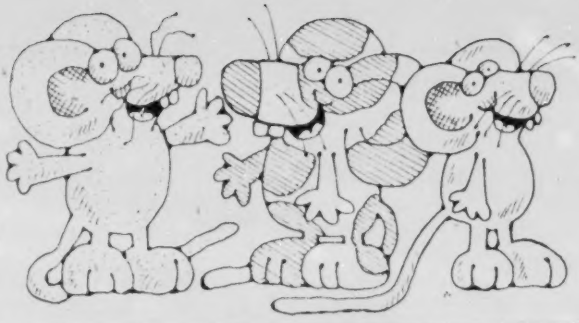


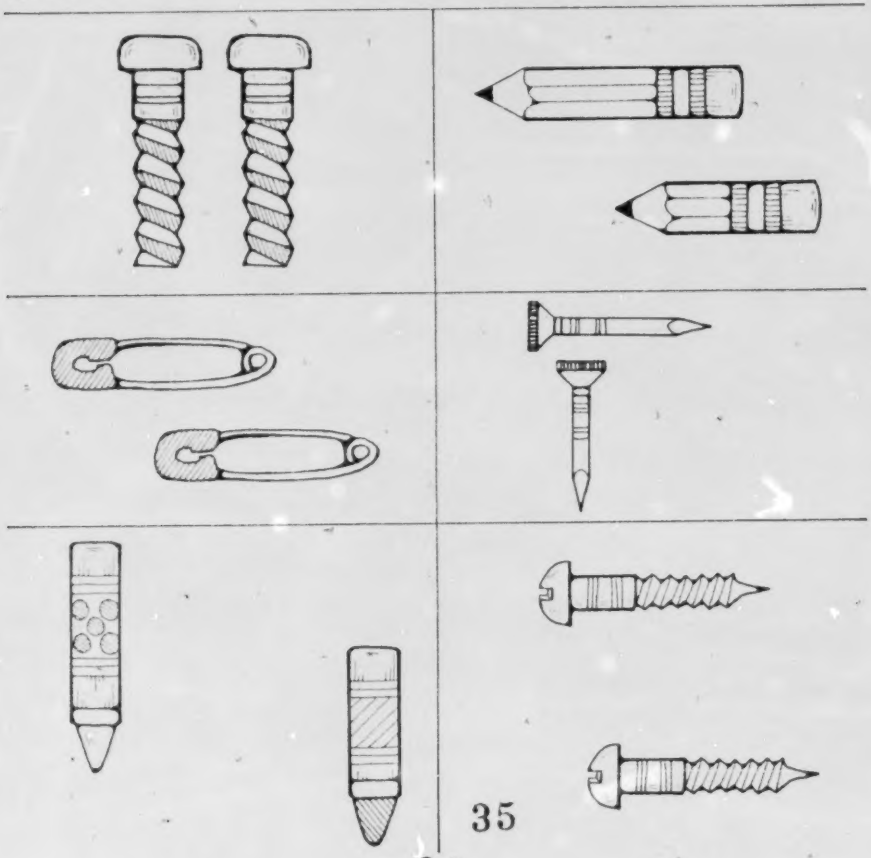


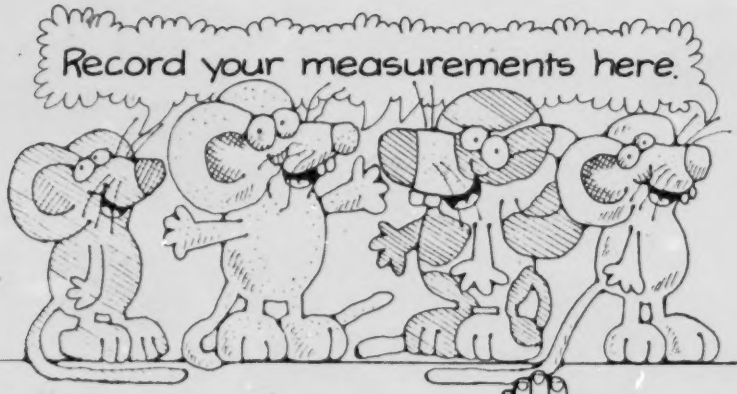




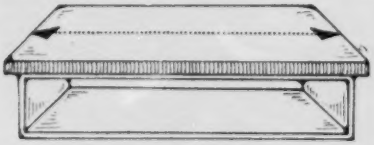
Mark the ones which are the same length. You may need string or pencils to make comparisons.



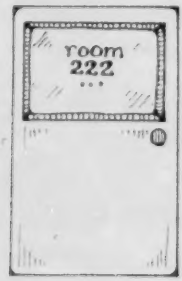




meter stick

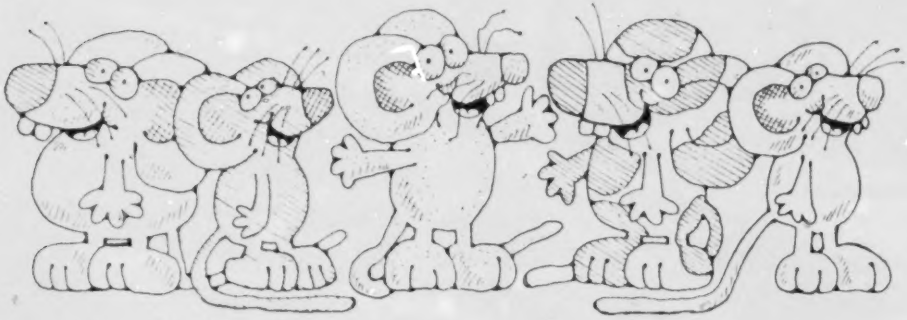


your desk top



door

Record your measurements here.



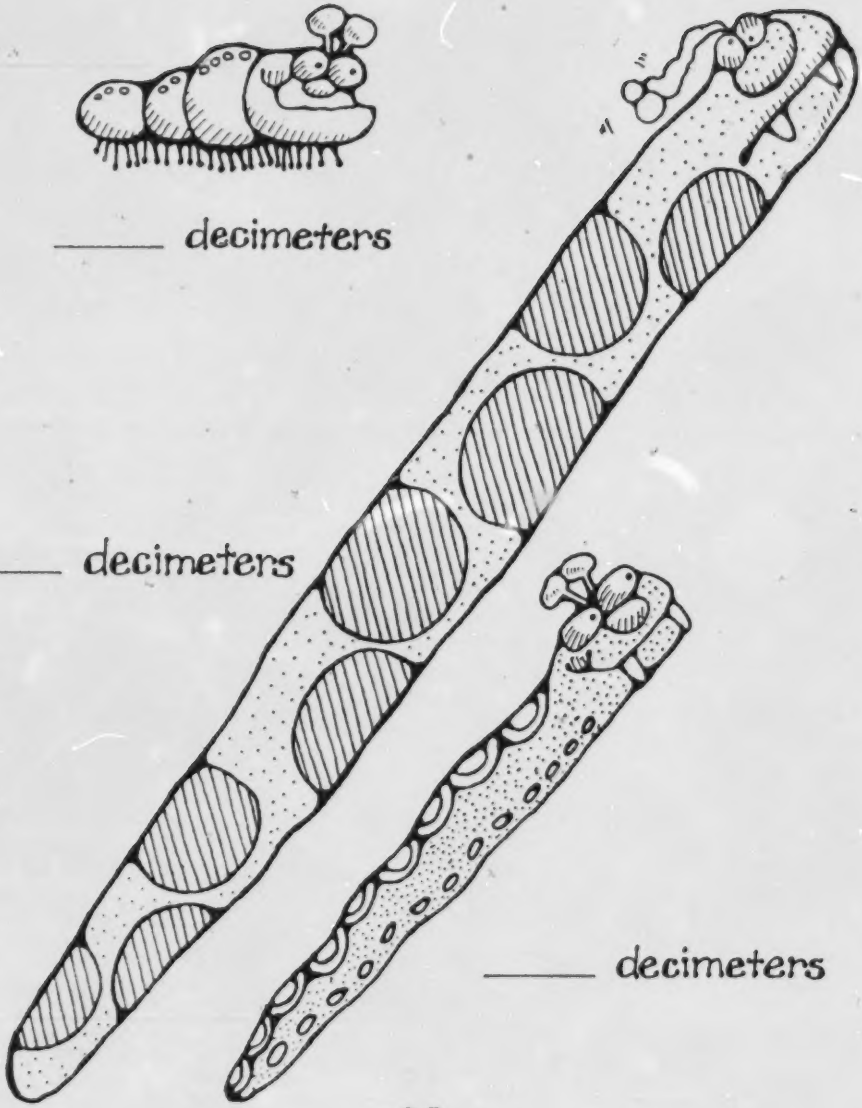
A _____meters

B _____meters

C 37 _____meters

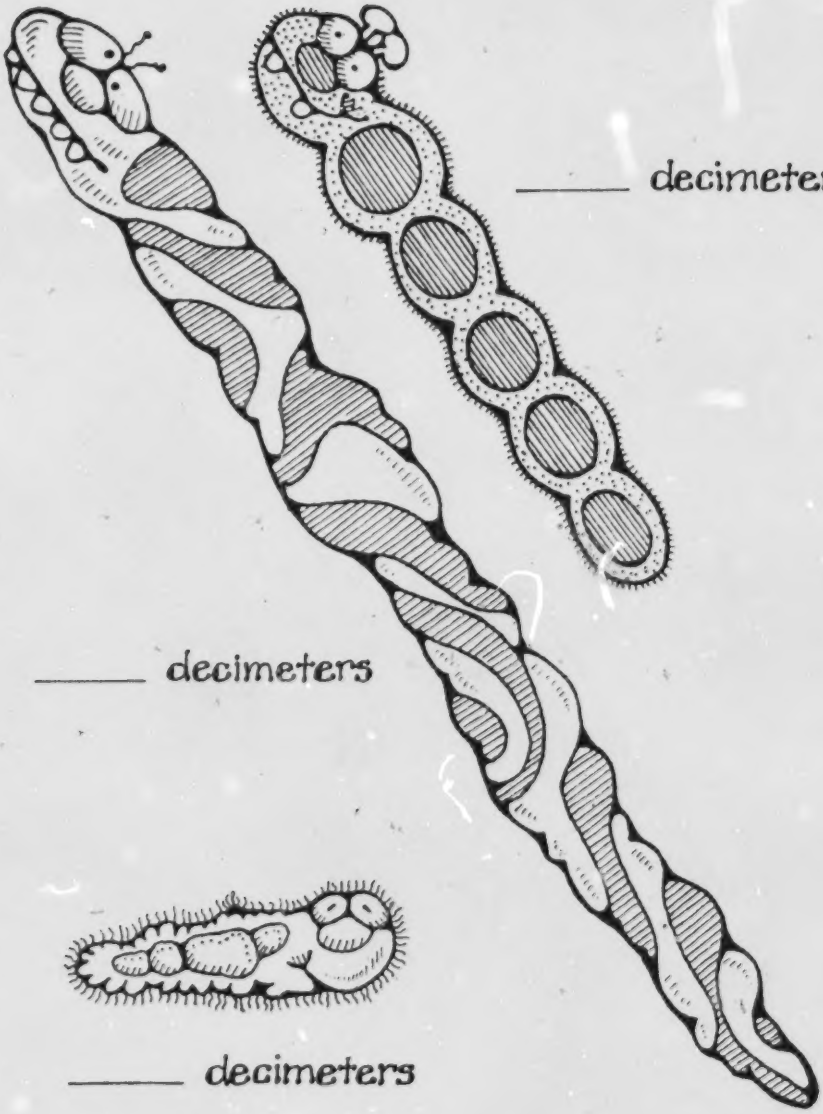
32

_____ decimeters



_____ decimeters

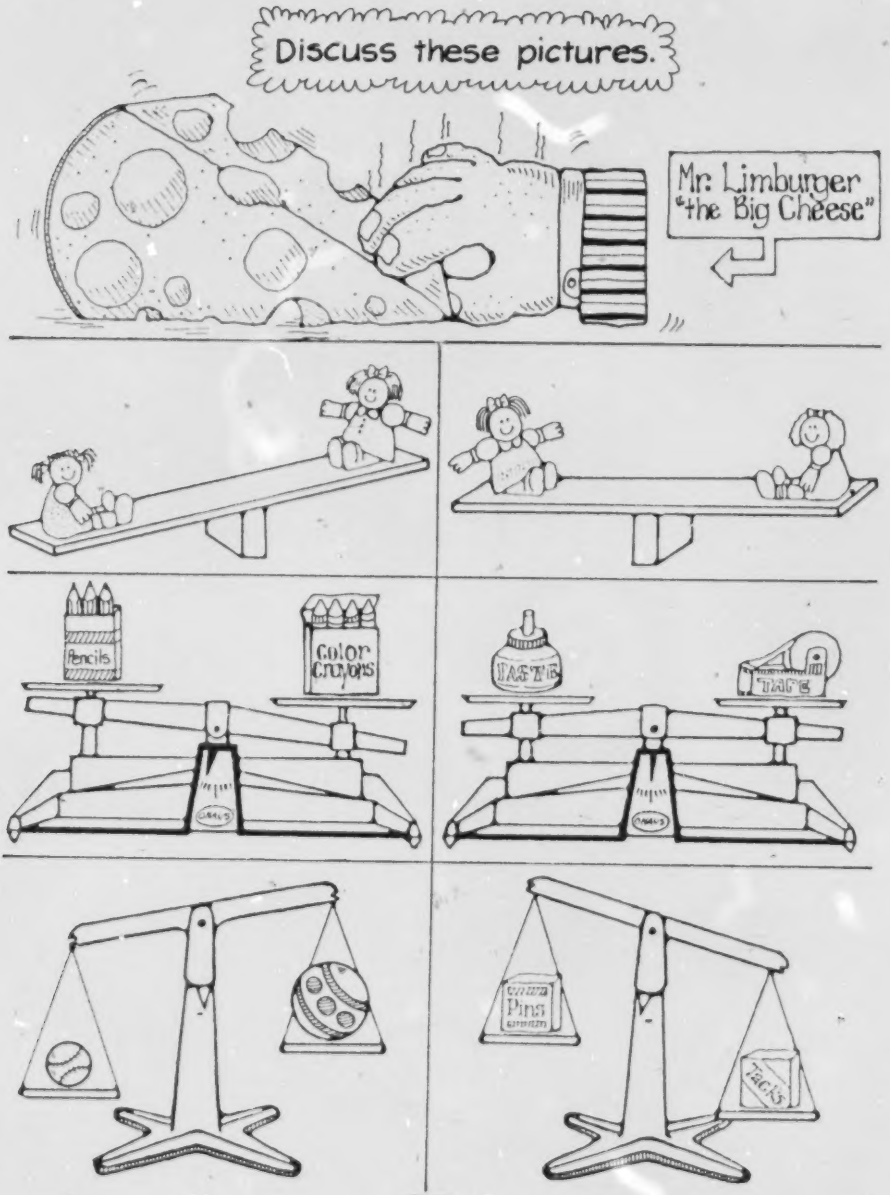
_____ decimeters



_____ decimeters

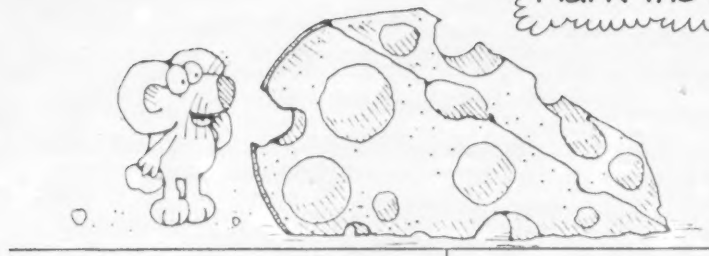
_____ decimeters

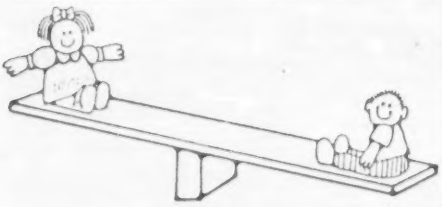
_____ decimeters

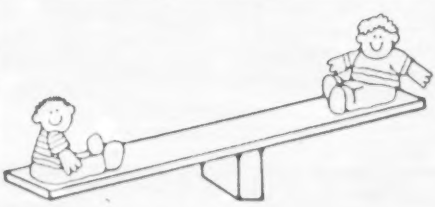

Discuss these pictures.
Mr. Limburger
"the Big Cheese"
Pencils
Color Crayons
PASTE
TAPE
Pins
Tacks

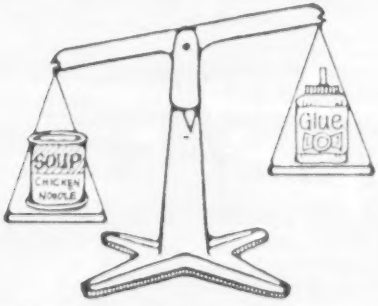
35

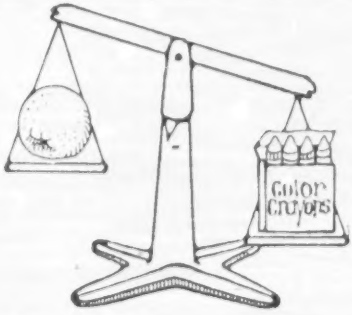
Mark the heavier.

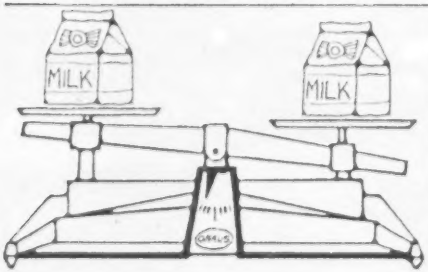


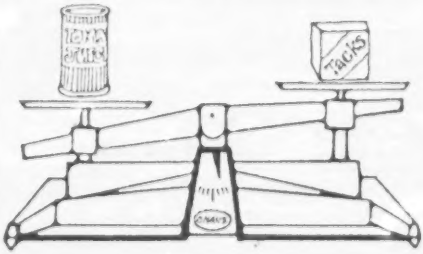




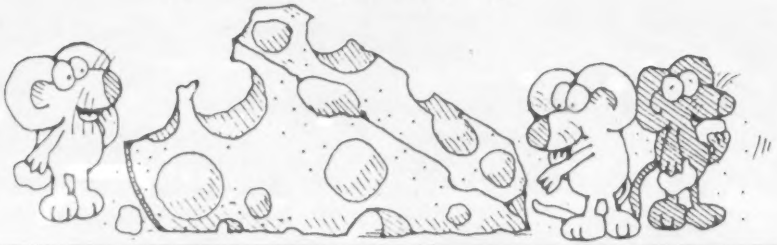


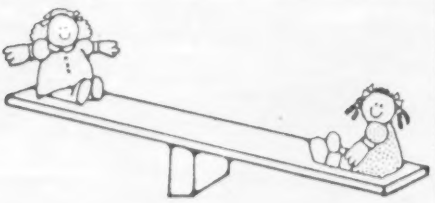


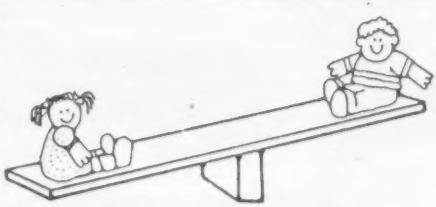


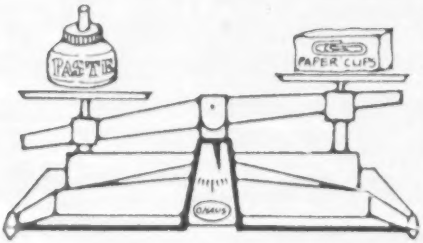


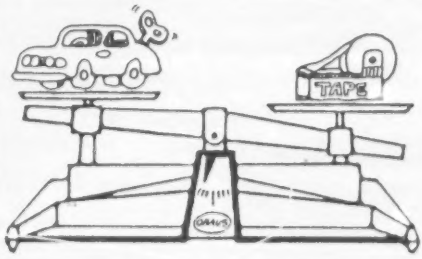
Mark the heavier.

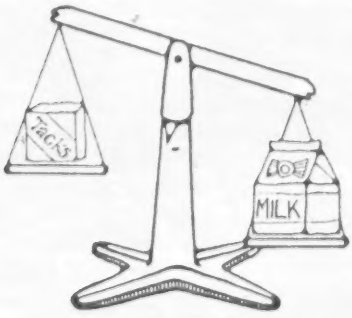


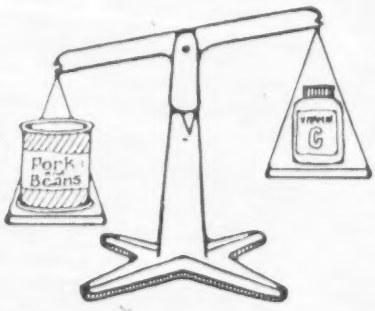


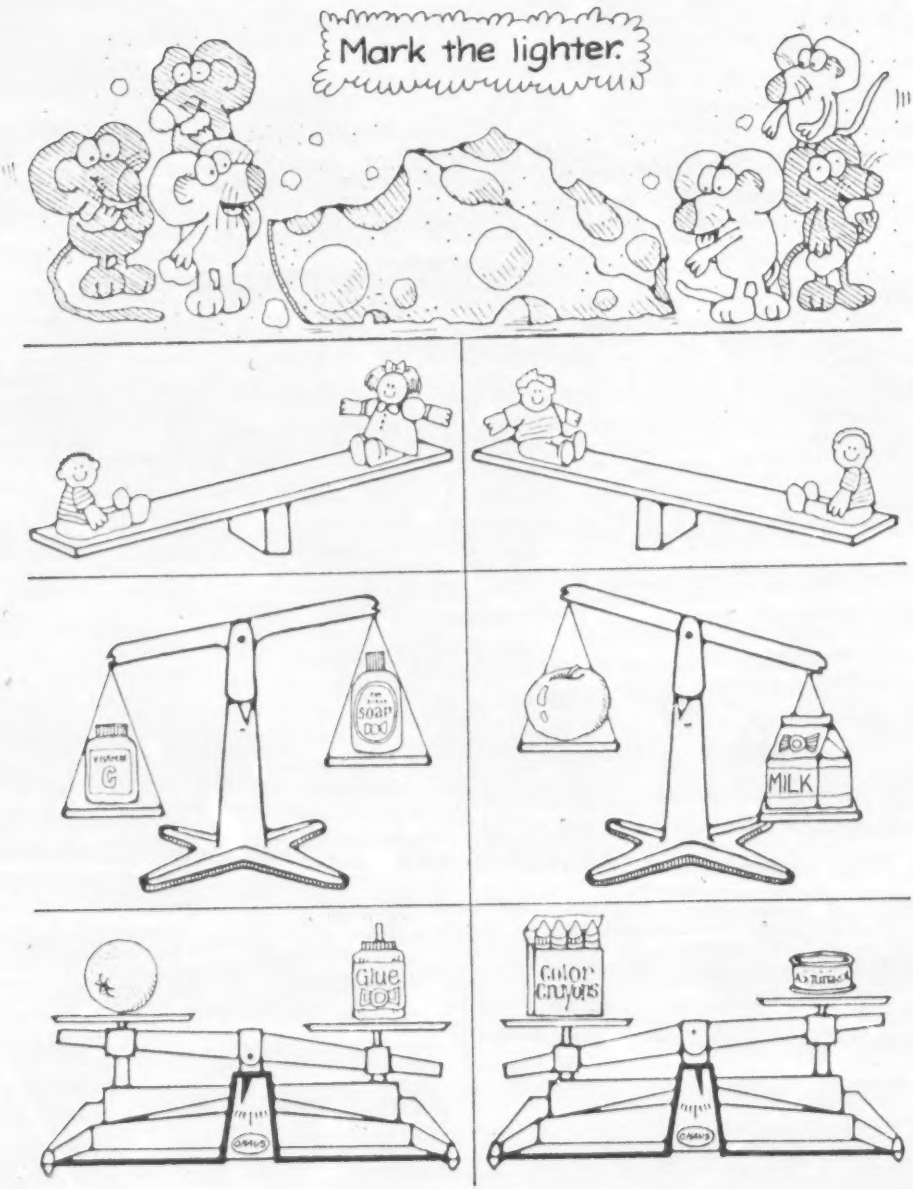




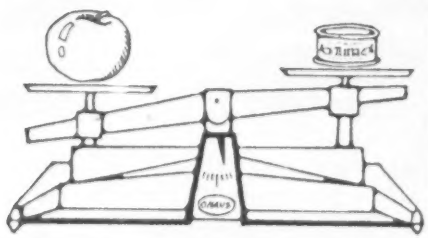


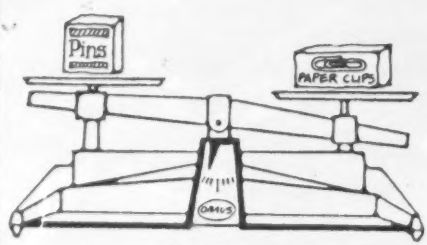


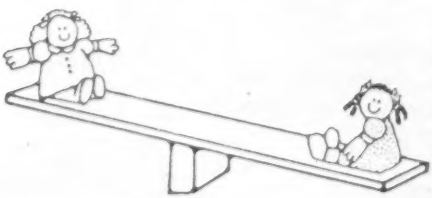


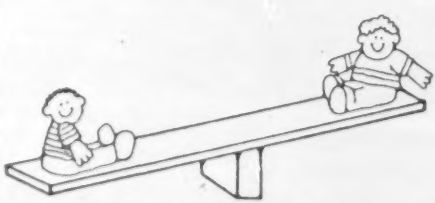

Mark the lighter.
VITAMIN C
soap
MILK
Glue
Color Crayons

Mark the lighter.

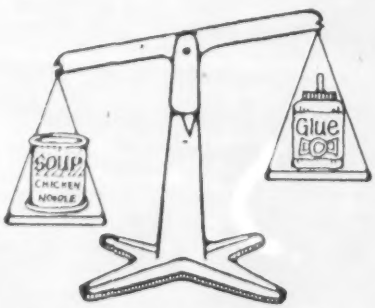



Pins
PAPER CUPS

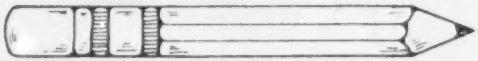




Pork
Beans


SOUP
CHICKEN
NOODLE
Glue

Find the weight of these objects in grams. Guess first then measure and record here.



pencil

_____ grams

eraser

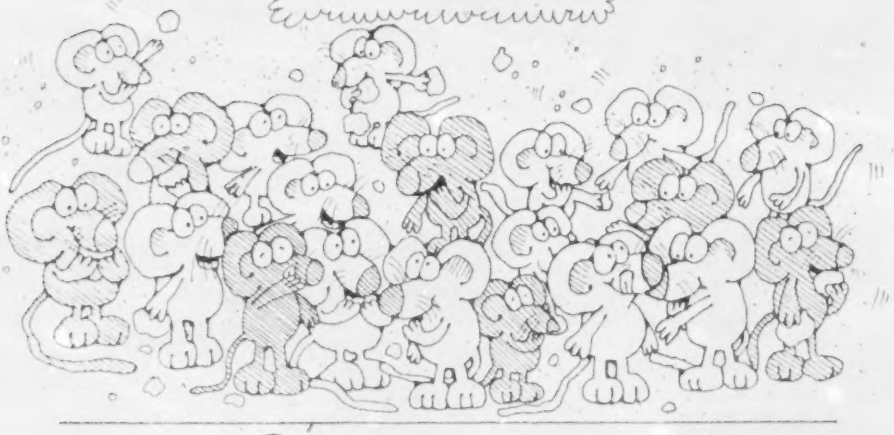
_____ grams

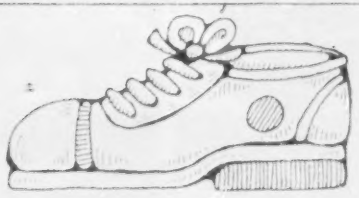
penny

45

_____ grams

Mark the heavier.





shoe or

1 kilogram

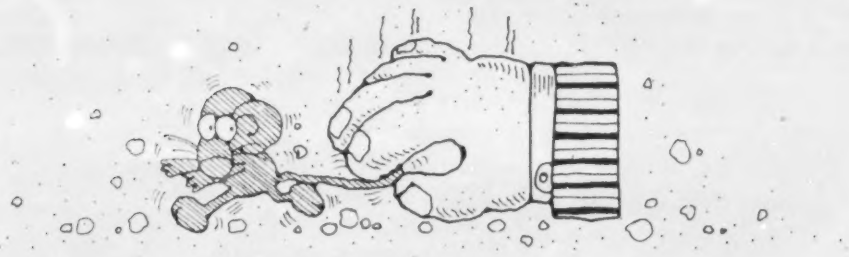
5 gram weights or

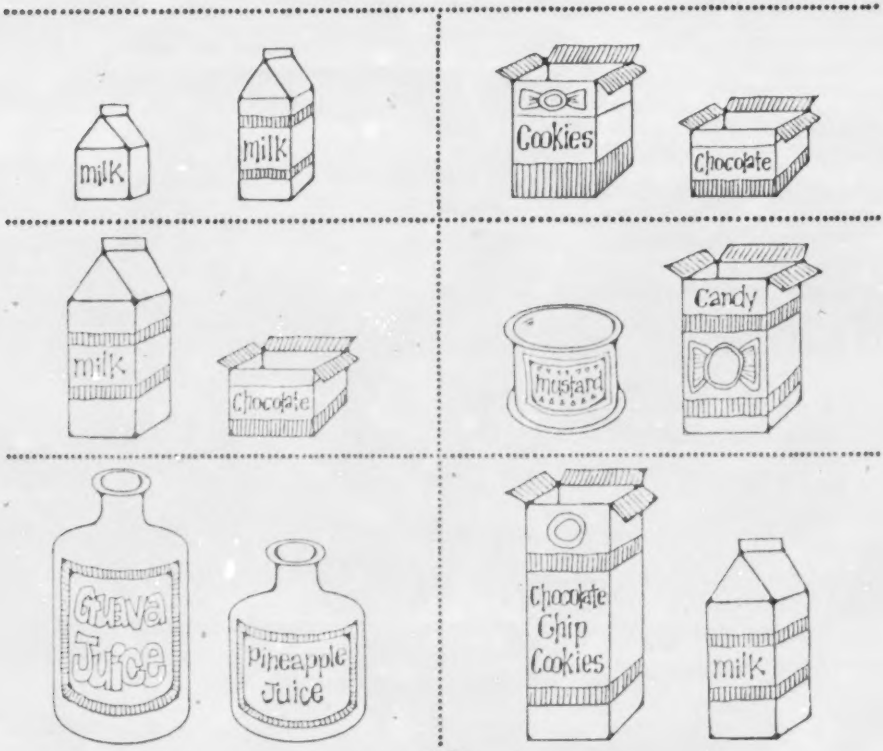
1 kilogram

small carton of sand or

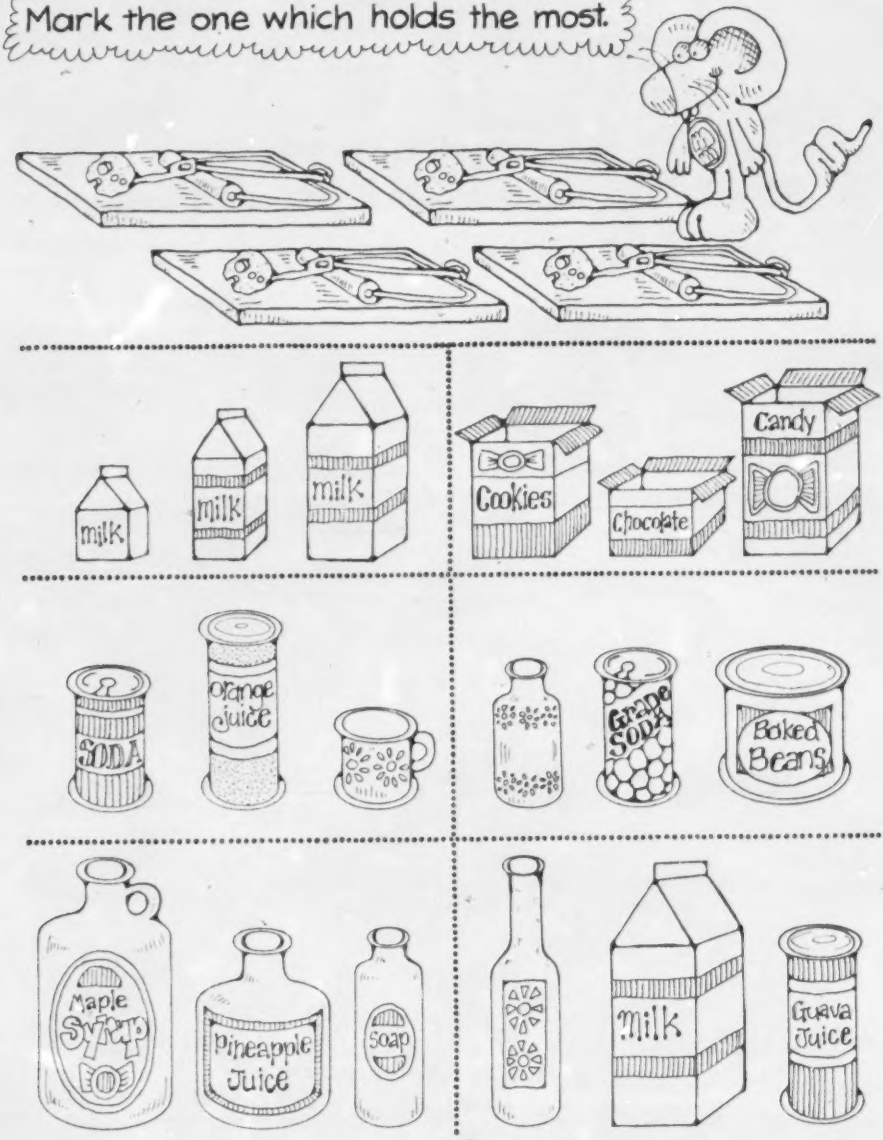
1 kilogram

Mark the one which holds more.



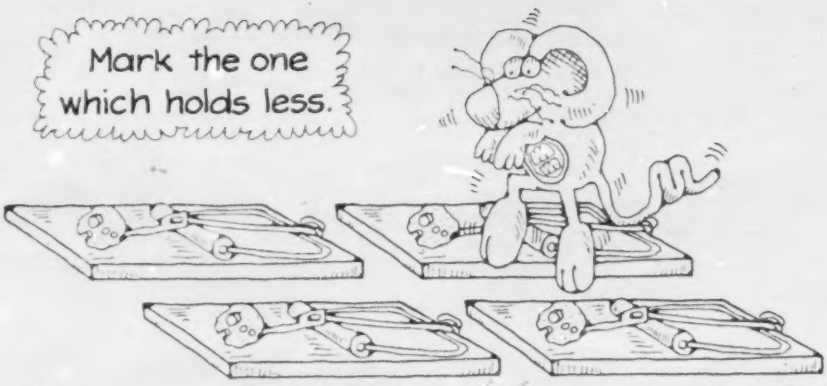


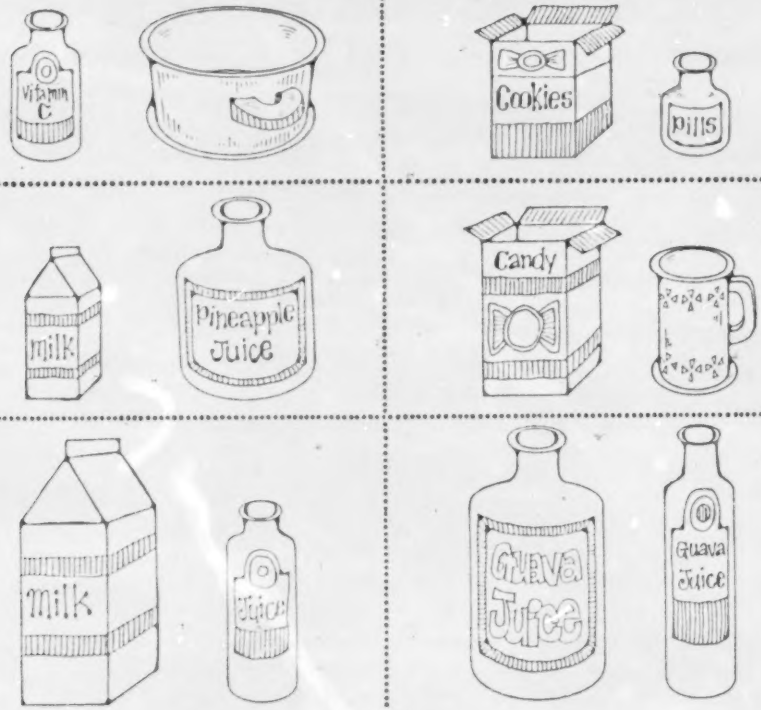
Mark the one which holds the most.



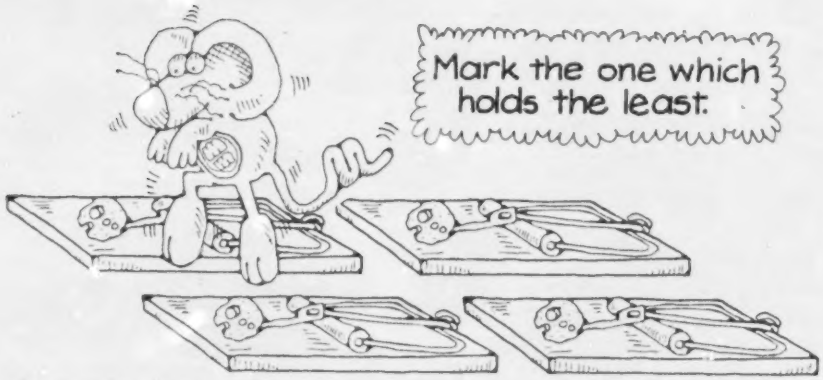
43

Mark the one which holds less.

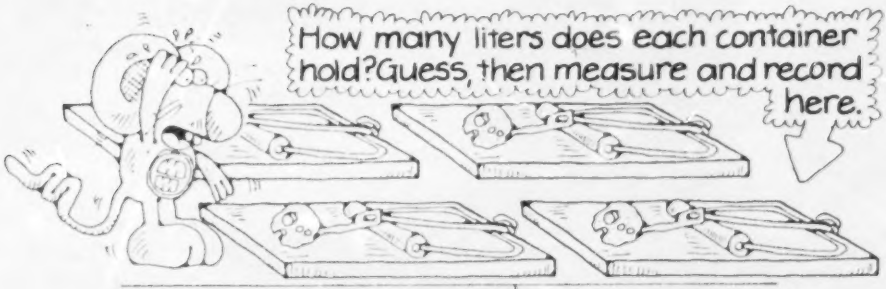


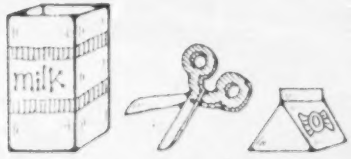


44


Mark the one which holds the least.

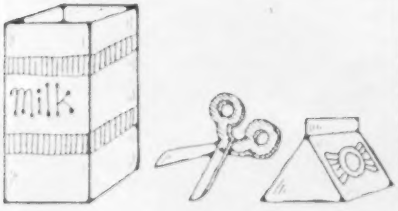
Tomatoes
Tomatoes
Tomatoes
milk
milk
Cookies
Pears
CORN
Pineapple Juice
milk
CHIPS
Perfume
Chocolate
Tomato Juice
Milk
Chocolate Chip Cookies
Candy
SODA





small milk carton

_____ liters



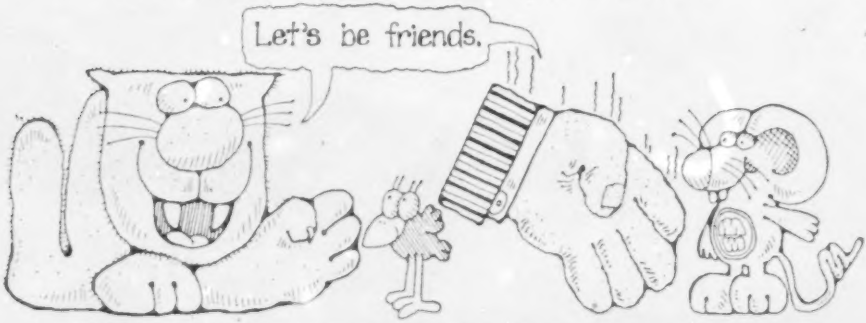
large milk carton

_____ liters

jug

_____ liters

How many deciliters does each container hold? Guess, then measure and record here.



lunch milk carton

_____deciliters

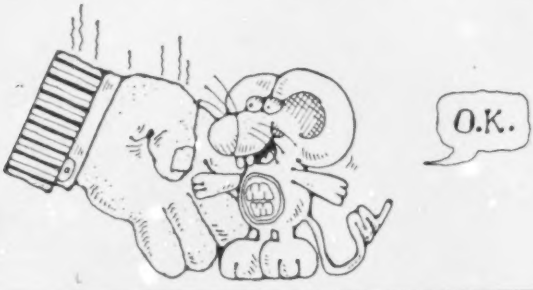
soda can

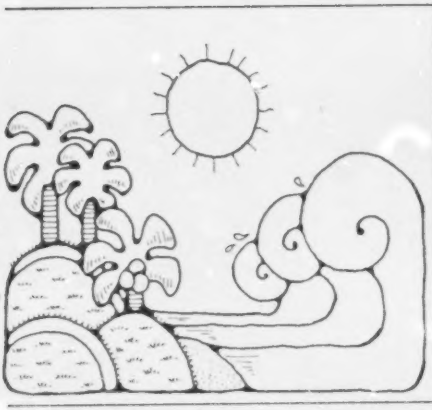
_____deciliters

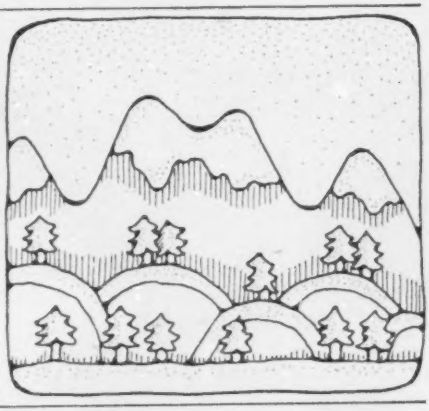
liter measure

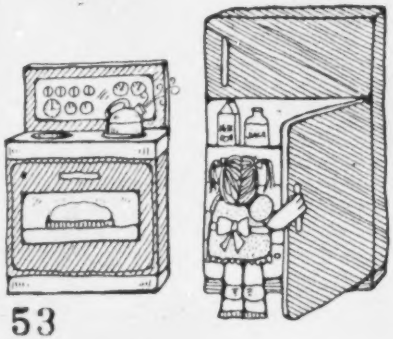
_____deciliters

Discuss hot and cold, warm and cool.



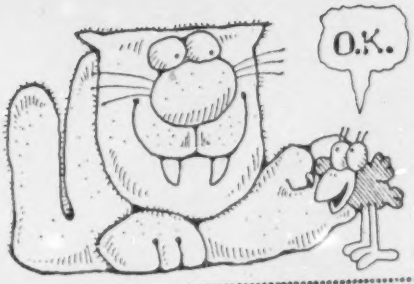


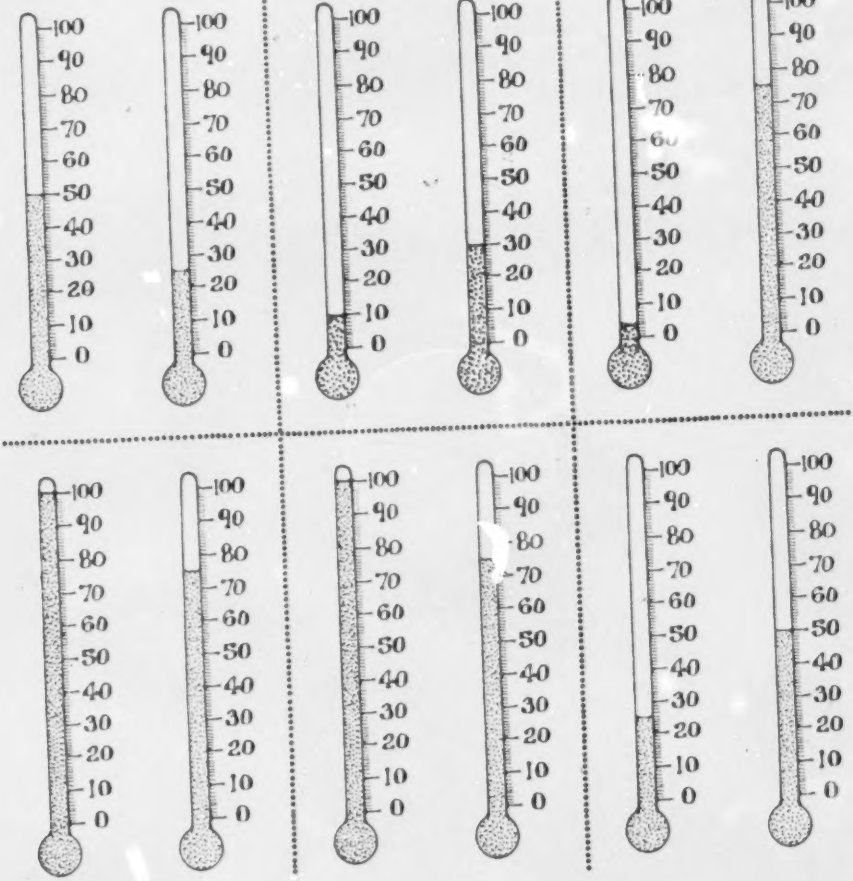


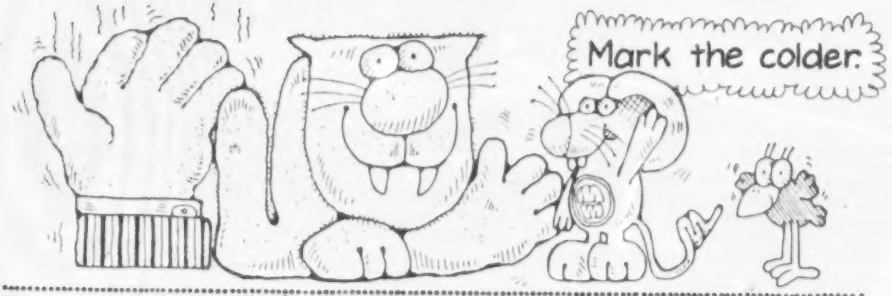


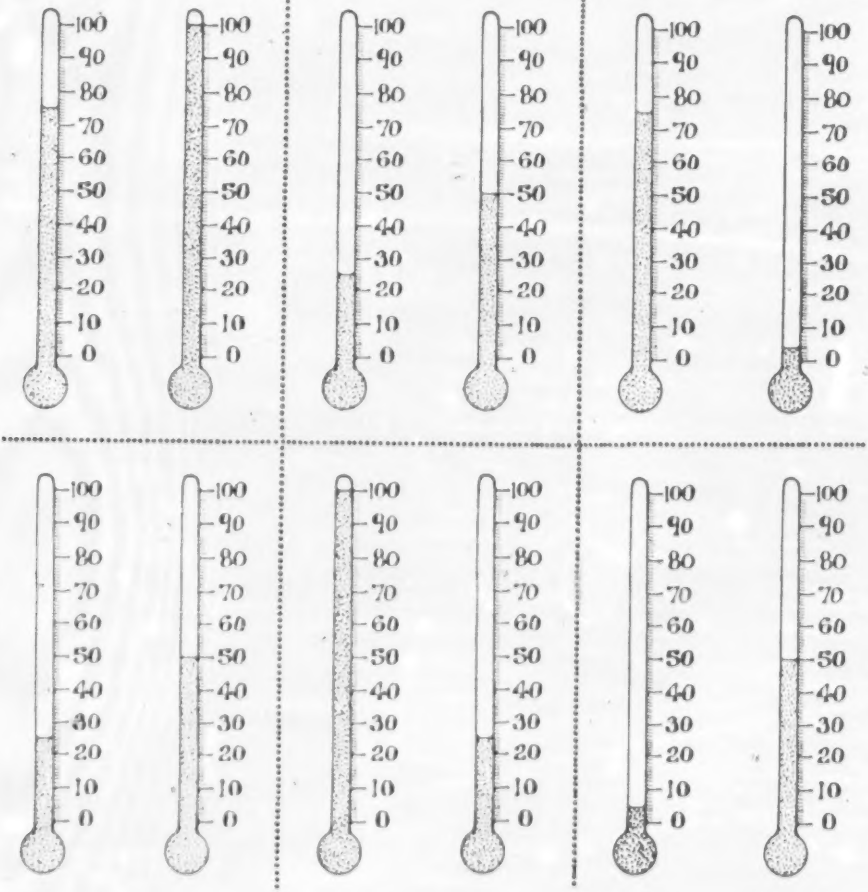
53

Mark the hotter.









50

55